

OM of: US-09-805-550-4 to: Issued\_Patents\_NA:\* out-format : pfs

Date: Aug 31, 2002 6:27 AM

About: Results were produced by the Gencore software, version 4.5,  
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# Command line parameters:

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Query length: 368
Database: Issued_Patents_NA:*
Database sequences: 383532
Database length: 122816752
Search time (sec): 69.920000
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; Sequence 3, Application US/09413574
; Patent No. 6235972
; GENERAL INFORMATION:
; APPLICANT: Manajan, Pramod B.
; APPLICANT: Tagliani, Laura
; TITLE OF INVENTION: Maize Rad23 Genes and Uses Thereof
; FILE REFERENCE: 0964
; CURRENT APPLICATION NUMBER: US/09/413,574
; CURRENT FILING DATE: 1999-10-06
; EARLIER APPLICATION NUMBER: 60/109,728
; EARLIER FILING DATE: 1998-11-23
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 1702
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (106)...(1209)
; US-09-413-574-3
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; Patent No. 6235972
; GENERAL INFORMATION:
; APPLICANT: Mahajan, Pramod B.
; TITLE OF INVENTION: Maize Rad23 Genes and Uses Thereof
; FILE REFERENCE: 0964
; CURRENT APPLICATION NUMBER: US/09/413,574
; CURRENT FILING DATE: 1999-10-06

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; EARLIER APPLICATION NUMBER: 60/109,728
; EARLIER FILING DATE: 1998-11-23
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1522
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (58)...(1272)
; US-09-413-574-1

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  Ratio: 3.063        Gaps: 7
  Percent Similarity: 73.134  Percent Identity: 49.005

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seq_documentation_block:
; Sequence 4, Application US/08404531B
; Patent No. 5863724
; GENERAL INFORMATION:
; APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
; APPLICANT: Thomas, Gilbert Cole, and Robert Gagel
; TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor
; Patent No. 5863724
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSER: No. 5863724ris
; STREET: One Liberty Place 46th. Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/404/531B
; FILING DATE: 15-MAR-1995
; CLASSIFICATION: A35
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5110 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-404-531B-4

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Quality: 156.00 Length: 178
Ratio: 1.545 Gaps: 7
Percent Similarity: 56.742 Percent Identity: 29.775

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155 TGIylgylSerTPAspLysAspLysValGlnArgAlaLeuArgAla 172
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53 GGCC.....TATGACACGAAACAAATTAATTCAGCCCTGAGAGCCA 93
172 laTyrAsnAsnProGlnArgAlaValGlnTyrLeuTyrSerGlyIlePro 188
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94 GCTTCAACACACCGATAGAGCTGTGGAATATCTTCTAATGGAAATCCT 143
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236 GlyAlaGlyIleGlyPro.....LeuAspPheLeuArgA 248
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248 snAsnProGln.....PheGlnAlaValArgGlnMetVal 259
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344 GACCGCTCAATGTGTGCCACATGTCTTGTCTTTCATCACCTTCC 393
260 HisThrAsnProGlnIleLeuGlnProMetLeuValGlnLeuSerGly 276
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276 nasnProGlnIleLeuArgyleuIleGlnGluAsnHisAspIleuLeuG 293
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454 .....GCTCCATTTCGCCGGGACACAA 474

seq_name: /cgn2_6/ptodata/1/1na/5B_COMB.seq:US-08-404-531B-5

seq_documentation_block:
; Sequence 5, Application US/08404531B
; Patent No. 5863724
; GENERAL INFORMATION:
; APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
; APPLICANT: Thomas, Gilbert Cote, and Robert Gagel
; TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonyleurea Receptor
; Patent No. 5863724
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No.5863724ris
; STREET: One Liberty Place 46th. Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/404,531B
; FILING DATE: 15-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5110 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEetical: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 260..5004
; US-08-404-531B-5

alignment_scores:
Quality: 156.00 Length: 178
Ratio: 1.545 Gaps: 7
Percent Similarity: 56.742 Percent Identity: 29.775

alignment_block:
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155 tGlyGlyGlySerTyrAspLysAspLysValGlnArgAlaLeuArgAla 172
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182  ::::::::::::::::::::::::::::::::::::::::::::
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184  GlyGlyAlaGlyGlyPro.....LeuAspPheLeuArg 248
185  ::::::::::::::::::::::::::::::::::::::::::::
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190  HisThrAsnProGlnIleLeuGlnPrometIleValGluLeuSerGly 276
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197  ::::::::::::::::::::::::::::::::::::::::::::
198  GCTCCATTCGCCGGGGCACAA 474
199  seq_name: /cgn2_6/ptodata/1/1na/6A_COMB.seq:US-08-476-900A-4
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201 seq documentation block:
202
203 Sequence 4, Application US/08476900A
204 Patent No. 6031150
205
206 GENERAL INFORMATION:
207
208 APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson
209
210 TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor
211 Patent No. 6031150
212
213 TITLE OF INVENTION: and Method of Detecting Persistent Hyperinsulinemic Hypoglyc
214 NUMBER OF INVENTIONS: 49
215
216 CORRESPONDENCE ADDRESS:
217 ADDRESS: Woodcock Washburn Kurtz Mackiewicz &
218 STREET: One Liberty Place 46th. Floor
219 CITY: Philadelphia
220 STATE: PA
221
222 COUNTRY: USA
223 ZIP: 19103
224
225 COMPUTER READABLE FORM:
226 MEDIUM TYPE: Floppy disk
227
228 COMPUTER: IBM PC compatible
229 OPERATING SYSTEM: PC-DOS/MS-DOS
230 SOFTWARE: PatentIn Release #1.0, Version #1.25
231
232 CURRENT APPLICATION DATA:
233 APPLICATION NUMBER: US/08/476, 900A
234 FILING DATE: 07-JUN-1995
235
236 CLASSIFICATION: 800
237
238 ATTORNEY/AGENT INFORMATION:
239 NAME: Beardell, Lori Y.
240 REGISTRATION NUMBER: 34,293
241 REFERENCE/DOCKET NUMBER: BYLR-0027
242
243 TELECOMMUNICATION INFORMATION:
244 TELEPHONE: 215-568-3100
245 TELEFAX: 215-568-3439

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; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 5110 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: nucleic acid
;   HYPOTHEICAL: NO
;   ANTI-SENSE: NO
; US-08-476-900A-4

alignment_scores:
    Quality: 156.00      Length: 178
    Ratio: 1.545         Gaps: 7
    Percent Similarity: 56.742    Percent Identity: 29.775

alignment_block:
US-09-805-550-4 x US-08-476-900A-4 ..

Align seg 1/1 to: US-08-476-900A-4 from: 1 to: 5110

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53 GGGC.....TATGACGAGAACAAAGTAATTCACAGCCCTGAGAGCA 93
172 latYrAsnAsnProGlnuArgAlaValGluTYrLeuTYrSerGlyLeuPro 188
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189 ValThrAlaGluIleAlaValProIleGlyGlnGlyAlaAsnThrTh 205
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438 TTCACACACGACCTG..... 453
293 InLeuLeuAsnGluProPheGluGlyGlyGlu 303
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seq_name: /cgn2_6/ptodata/1/lna/6a_COMB.seq:US-08-476-900A-5
seq_documentation_block:
; Sequence 5, Application US/08476900A
; Patent No. 6031150
; GENERAL INFORMATION:
; APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson

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; TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonilylurea Receptor
; Patent No. 6031150
; TITLE OF INVENTION: and Method of Detecting Persistent Hyperinsulinemic Hypogly
; TITLE OF INVENTION: Infancy
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 60311501s
; STREET: One Liberty Place 46th. Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,900A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0027
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 5110 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA (genomic)
;   HYPOTHEICAL: NO
;   ANTI-SENSE: NO
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; US-08-476-900A-5

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    Percent Similarity: 56.742    Percent Identity: 29.775

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seq_documentation_block:
; Sequence 5, Application US/08476900A
; Patent No. 6031150
; GENERAL INFORMATION:
; APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson

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seq_documentation_block:
Sequence 4, Application US/08488546A
Patent No. 6054313
GENERAL INFORMATION:
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
APPLICANT: Thomas, Gilbert Core, and Robert Gagel
TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonilyurea Receptor
Patent No. 6054313
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
ADDRESSEE: No. 6054313ris
STREET: One Liberty Place 46th. Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,546A
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/404,531
FILING DATE: 15-MARCH-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: BYLR-0026
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 5110 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO

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US-08-488-546A-4

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    Quality: 156.00      Length: 178
    Ratio: 1.545         Gaps: 7
    Percent Similarity: 56.742    Percent Identity: 29.775

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Align seg 1/1 to: US-08-488-546A-4 from: 1 to: 5110

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53 GGGC.....TATGAACAGAAACAAGTAAATGACCCCTGAGAGCCA 93

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seq_documentation_block:
Sequence 5, Application US/08488546A
Patent NO. 6054313
GENERAL INFORMATION:
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
APPLICANT: Thomas, Gilbert Cote, and Robert Gagel
TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor
Patent NO. 6054313
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
ADDRESSER: NO. 605431315
STREET: One Liberty Place 46th. Floor
CITY: Philadelphia

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STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,546A
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/404,531
FILING DATE: 15-MARCH-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Beardsell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: BYLR-0026
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 5110 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 260..5004
US-08-488-546A-5

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alignment_scores:
Quality: 156.00      Length: 178
Ratio: 1.545         Gaps: 7
Percent Similarity: 56.742 Percent Identity: 29.775

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alignment\_block:

US-09-805-550-4 x US-08-488-546A-5 ..

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Align seg 1/1 to: US-08-488-546A-5 from: 1 to: 5110

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53 GGGC.....TATGACGAGACAAAGTAATTGCAGCCCTGAGAGCCA 93
172 laTyraAsnAsnProGluArgAlaValAluTyrrLeuTyrrSerGlyIlePro 188
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94 GCTTCACAAACCTGATAGAGCTGTGGAATATCTTAAATGGGAATCCCT 143
189 ValThrAlaGluIleAlaValProIleGlyGlyGlnGlyAlaAsnThrTh 205
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144 GGAGACTGAGAGATTCCAGTACACACAGCCTGTGGAGAGATCAACAC 193
205 r.....AspArgAlaProThrArgGlyAlaGlyLeuSerGlyIleP 219
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219 roAsnThrAlaProLeuAspLeuPheProGlnGlyAlaSerAsnAlaGly 235
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248 snAsnProGln.....PheGlnAlaValArgGluMetVal 259
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394 CATCCTTCATCGATGGATGGGACAGCAGCTC.....CAAGGTGACA 437
276 nasProGlnIleLeuArgLeuIleGluGlnAsnHisAspGluPheLeu 293
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438 TTCACCAACAGCAGCTG..... 453
293 InLeuLeuAsnGluProPheGluGlyGlyGlu 303
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seq\_name: /cgn2\_6/ptodata/1/lna/5A.COMB.seq:US-08-480-917-1

seq\_documentation\_block:

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; Sequence 1, Application US/08480917
; Patent No. 5820864
; GENERAL INFORMATION:
; APPLICANT: PARANHOS-BACCALA, Glaucia
; APPLICANT: LESENECHAL, Mylene
; TITLE OF INVENTION: NEW TRYPANOSOMA CRUZI ANTIGEN, AND GENE
; TITLE OF INVENTION: ENCODING THE LATTER; THEIR APPLICATION TO THE DETECTION OF
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,917
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: MPB 36400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3402 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-480-917-1

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Quality: 155.00      Length: 258
Ratio: 1.040         Gaps: 7
Percent Similarity: 57.752 Percent Identity: 22.868

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alignment\_block:

US-09-805-550-4 x US-08-480-917-1 ..

Align seg 1/1 to: US-08-480-917-1 from: 1 to: 3402

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1965 CTGCG.....GTTCGAAAGTTGCTCCCGACACCATTCGAGAGA 2002
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seq_documentation_block:
; Sequence 1, Application US/09138736
; Patent No. 6270767
; GENERAL INFORMATION:
; APPLICANT: PARANHOS-BACCALA, Glaucia

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APPLICANT: LESNECHAL, Mylene
APPLICANT: JOLIVET, Michel
TITLE OF INVENTION: NEW TRYPAOSOMA CRUZI ANTIGEN, AND GENE
ENCODING THE LATTER: THEIR APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: CHAGAS DISEASE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESS: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/138,736
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/480,917
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36400
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3402 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-138-736-1

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alignment_scores:
Quality: 155.00 Length: 238
Ratio: 1.040 Gaps: 7
Percent Similarity: 57.752 Percent Identity: 22.868

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Align seg 1/1 to: US-09-138-736-1 from: 1 to: 3402

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1342 AGAACAGCAGCCAGCCAAAAAATCGGTAGTGGCAGCGGAAACCGG 1391
   lYlYSerThrSerGlySerThrGlyThrSerSerSerGlnHisSerAsnThr 93
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1392 GGTGTGTGCTCGCGGCACTGACGGGAGTAGACATCATACCAATACG 1441
   ProAlaThrArgGlnAlaProProLeuGlnAlaProGlnAlaProGln 110
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1442 ACTTCTGCCGCTGCTGCATCCCTCATACCCCTGTTTACGCGCACG 1491
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1492 CAAGCAGCGCGGCGCT.....CTGCGCGGCGGCGATCGG 1526
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1627 GAGCAGG.....TCTACGGCGGTGACCTCCACGACACTACCCCGCC 1667
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1668 AGCAGACAAAGTCCATACGGGACATGCGACGCTGTGAGCGCTGATG 1717
194 AlaValProIleGlyGlyGlnGlyAlaAsnThrThrAspArgAla..... 208
1718 GTGGCAGCTAATAGTGTGGCAGCGCGGCTCGCTCCACAGCGCGCGC 1767
209 ....ProThrGlyGlnAlaGlyLeuSerGlyIleProAsnThrAlaProL 224
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257 uMetValHisThrAsnProGlnIleLeuGlnProMetLeuValGlnLeuS 274
1918 G...GTTTCATCAGTCTGCGAGCGCTGAGTCCGTATACCAACAGCT 1964
274 eLysGlnAsnProGlnIleLeuArgLeu.....IleGlnGlu 286
1965 CTCGG.....GTTCTGAAGTGTCTCCCTGACACCATTCGAGGA 2002
287 AsnHisAspGlnPheLeuGlnLeu 294
2003 GACCATGACAACTTCGAATCTG 2026
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seq_documentation_block:
; Sequence 8, Application US/09014969
; Patent No. 5965397
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: McCoy, John M.
; APPLICANT: Lavallee, Edward R.
; APPLICANT: Racie, Lisa A.
; APPLICANT: Merberg, David
; APPLICANT: Treacy, Maurice
; APPLICANT: Spaulding, Vikki
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
; TITLE OF INVENTION: ENCODING THEM
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/09/014,969
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sprunger, Suzanne A.
; REGISTRATION NUMBER: 41,323
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8284
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2999 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-014-969-8

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67 pGlyPheLeuValMetLeuSerLysGlyLys..... 78
195 TGGCTGACTGTTCACCTTGTATCAAAAAGCCARRAACCGACTAGGGCC 244
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83 Thr..... 83
295 ACTCCAGAGATTACTCCACACTATTTCACAAATATACCAACCCGTTGG 344
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87 eTserGlnHisSerAsnThrProAlaThrArgGlnAlaProProLeuGlu 103
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695 TCCAGCTGGC.....TATATGCTTTACGCGCC 723
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; Sequence 1, Application US/09095443
; Patent No. 6342593
; GENERAL INFORMATION:
; APPLICANT: Ploxman, Gregory
; APPLICANT: Peles, Eior
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT
; TITLE OF INVENTION: OF ALP RELATED DISORDERS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/095.443
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/049.477
; FILING DATE: June 12, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 235/055
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4456 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-095-443-1

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NAME: Higgins, Patrick H
REGISTRATION NUMBER: 39,709
REFERENCE/DOCKET NUMBER: PHM.70312
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302.886.4889
TELEFAX: 302.886.8221
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 471 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
US-09-070-060-9

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alignment_block:
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Patent No. 6087122
GENERAL INFORMATION:
APPLICANT: ZENECA Limited
TITLE OF INVENTION: HUMAN E3 UBIQUITIN PROTEIN LIGASE
FILE REFERENCE: PHM.70312.N1
CURRENT APPLICATION NUMBER: US/09/357,746
EARLIER FILING DATE: 1999-07-21
EARLIER APPLICATION NUMBER: US No. 6087122 60/073,839
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EARLIER FILING DATE: 1998-04-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 471
TYPE: DNA
ORGANISM: Homo sapiens
US-09-357-746-9

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